

## PERFORMANCE BENCHMARKS

406.03D

### Collecting and Interpreting Hazard and Response Information

Discipline: Hazmat – Technician Level  
Effective: 7/5/2011  
Revised:  
Replaces:

Anne Huff, Fire Chief

#### I. Objective

Given access to printed and technical resources, computer databases, and monitoring equipment, the hazardous materials technician shall collect and interpret hazard and response information not available from the current edition of the DOT *Emergency Response Guidebook* or an MSDS. Given a hazardous materials/WMD scenario and the associated reference materials, the hazardous materials technician shall identify the signs and symptoms of exposure to each material and the target organ effects of exposure to that material.

#### II. Instructions – Procedures for Achieving the Objective

Given a hazardous materials incident/WMD scenario, you will collect and interpret hazard and response information utilizing provided printed and technical reference resources, computer databases and monitoring results. You shall identify the signs and symptoms of exposure for each material identified and the target organ effects of an exposure to that material. Given the data provided and using the information you have interpreted, you will develop an incident site safety plan and complete a product datasheet. You will begin on my instructions to start. The skill will end when you state or indicate to me that you have completed all the identified steps. Do you understand these instructions?

#### III. Examiner's Note

The hazardous materials technician will not be allowed to review the performance steps at the time of testing.

#### IV. Preparation & Equipment

- A. Various hazardous materials/WMD incident scenarios
- B. Various hazardous materials printed reference text (see reference list and equipment list).
- C. Various hazardous materials electronic databases as provided by AHJ (i.e. WISER and/or CAMEO)
- D. Chemical data worksheet
- E. Site safety plan worksheet (i.e. ICS form 208HM)

#### V. Reference Sources

See Reference Sources in PB 406.03A.

# PB 406.03D – Collecting & Interpreting Hazard & Response Information

Discipline: Hazardous Materials

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

**The Haz Mat Technician shall:**

(No partial points given)

- A. Uses a minimum of three reference sources..... P/F \_\_\_\_\_
- B. Identifies signs and symptoms of exposure..... P/F \_\_\_\_\_
- C. Identifies target organs affected..... P/F \_\_\_\_\_
- D. Complete a chemical data worksheet for each chemical identified... P/F \_\_\_\_\_
- E. Using all data collected, complete a site safety plan\*..... P/F \_\_\_\_\_

**\*At a minimum, the site safety plan should include the following information:**

1. Maximum exposure limits
2. Identifies hazards or conditions present
3. Level of PPE needed
4. Hazardous substance safe handling procedures
5. Identifies the need for a site map
6. Use of the "buddy system"
7. Backup personnel
8. Medical support
9. Safety officer
10. Decontamination procedures
11. Hazard monitoring
12. Control zone

**Time Allocation**

Completes skill in allotted time..... P/F \_\_\_\_\_

Allotted time for this skill: \_\_\_\_\_ minutes \_\_\_\_\_ seconds

Actual time: \_\_\_\_\_ minutes \_\_\_\_\_ seconds

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
P/F	P/F	First			
		Second			
		Third			